

FIG. 1

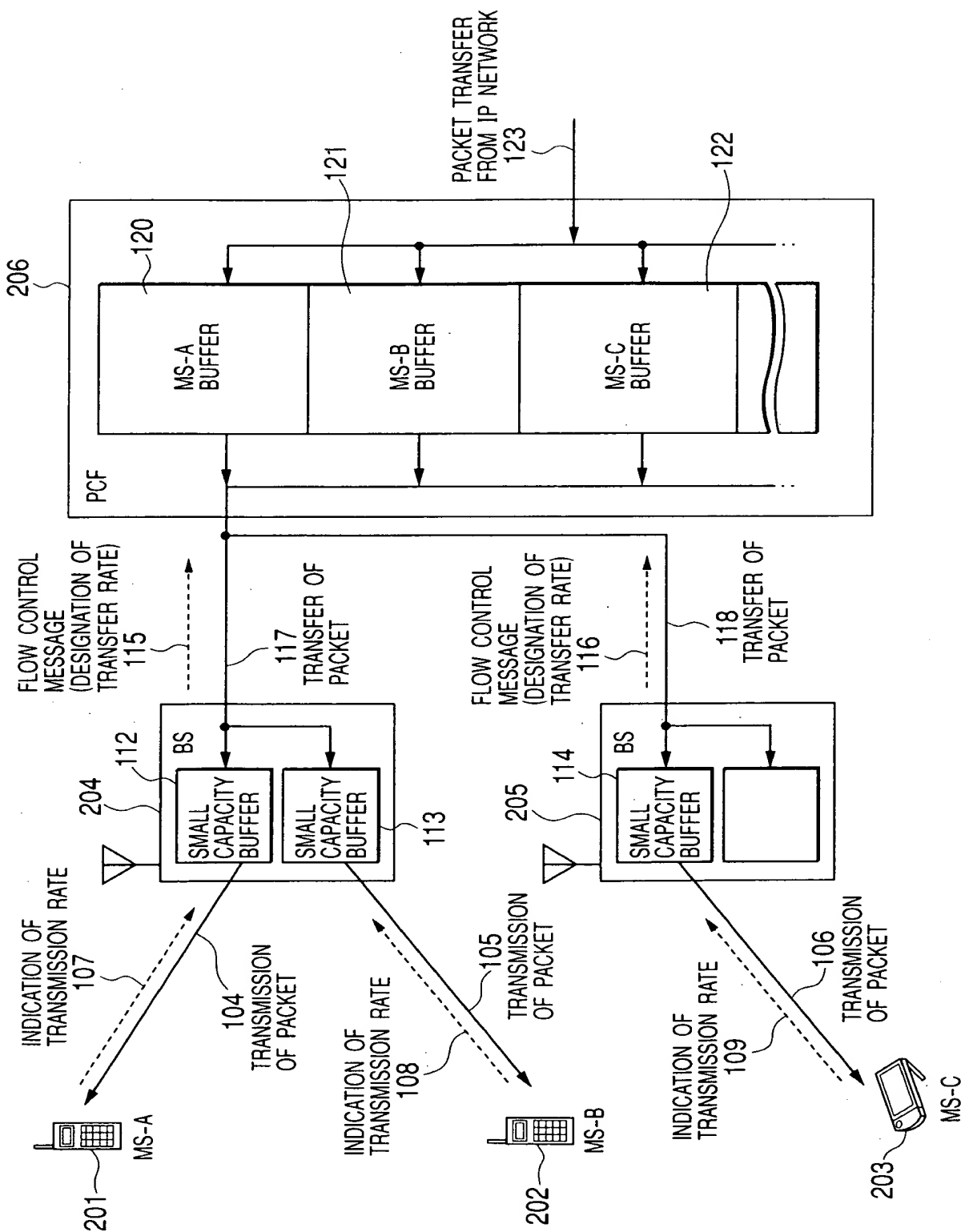
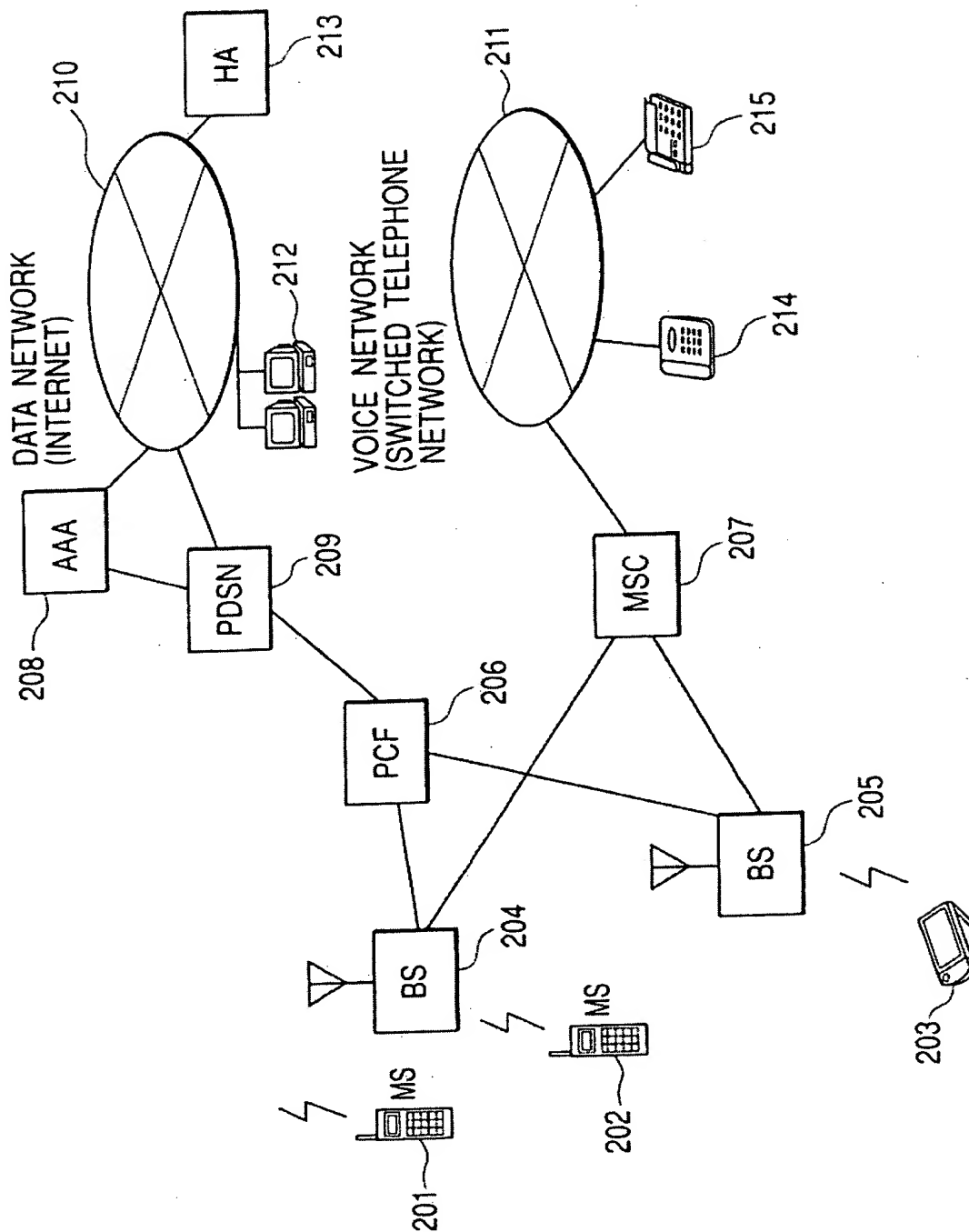


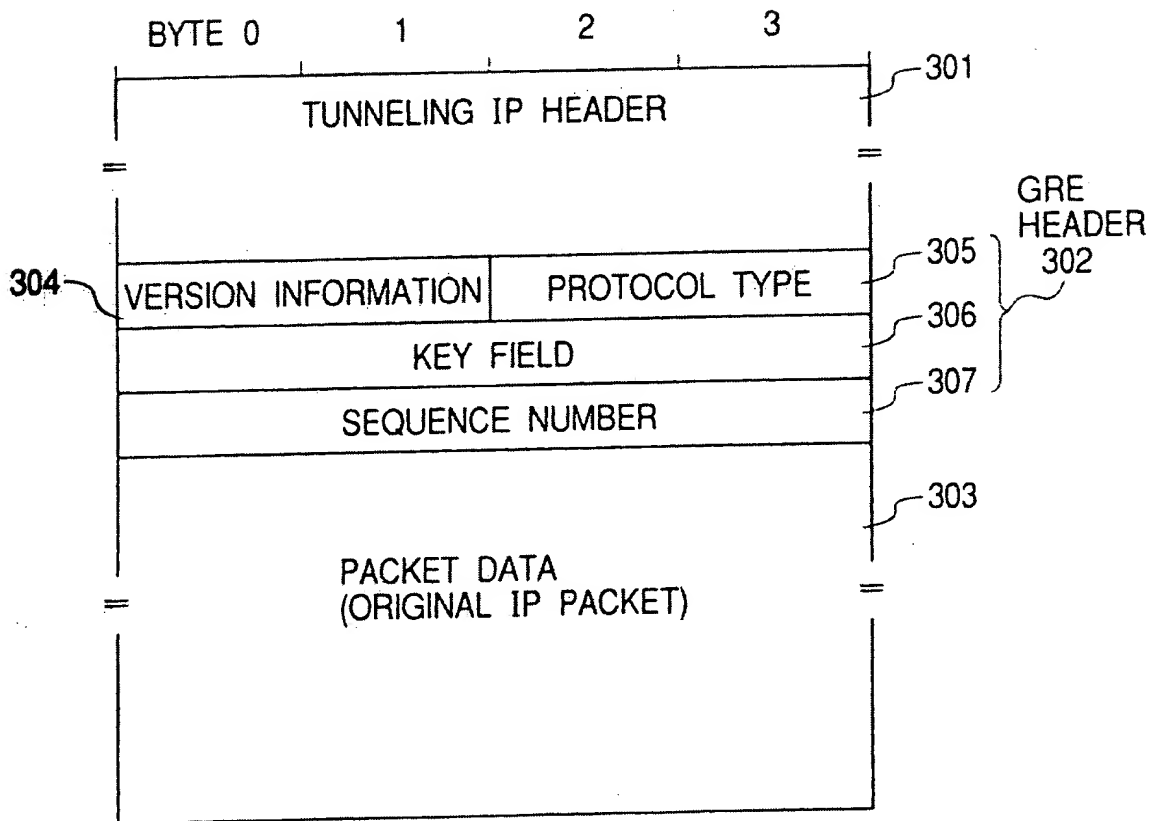
FIG. 2  
PRIOR ART





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**FIG. 3**  
**PRIOR ART**  
GRE ENCAPSULATED PACKET





**FIG. 4**  
**PRIOR ART**

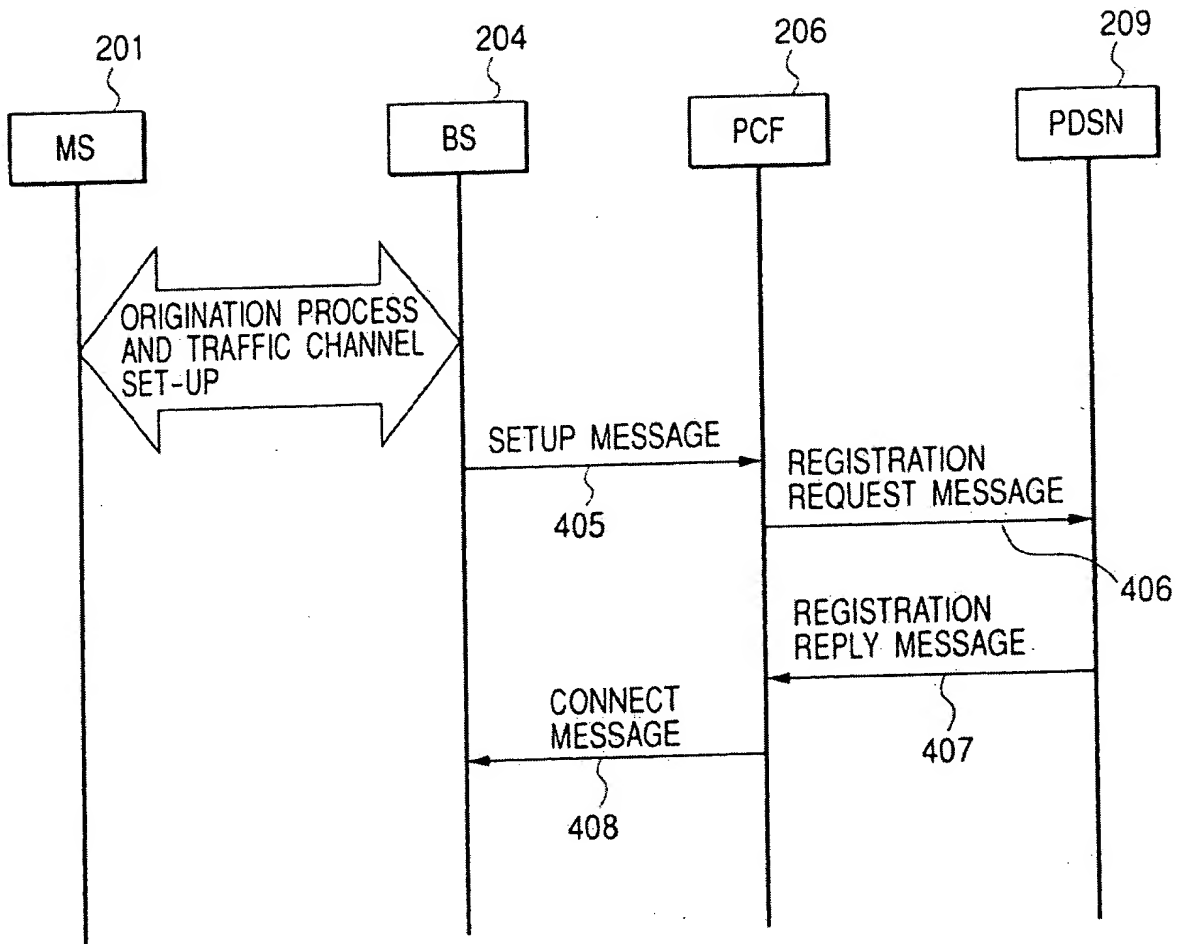
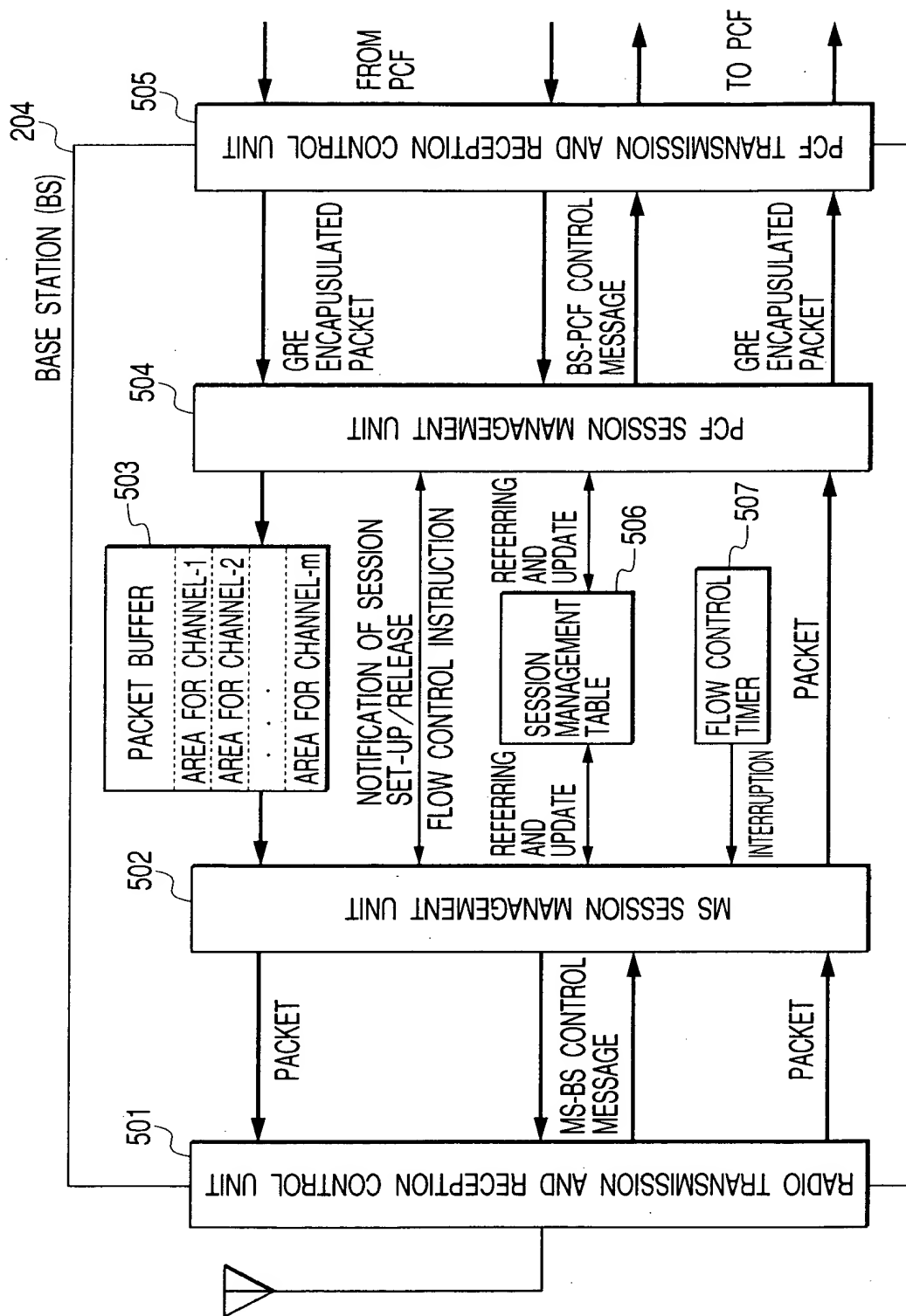


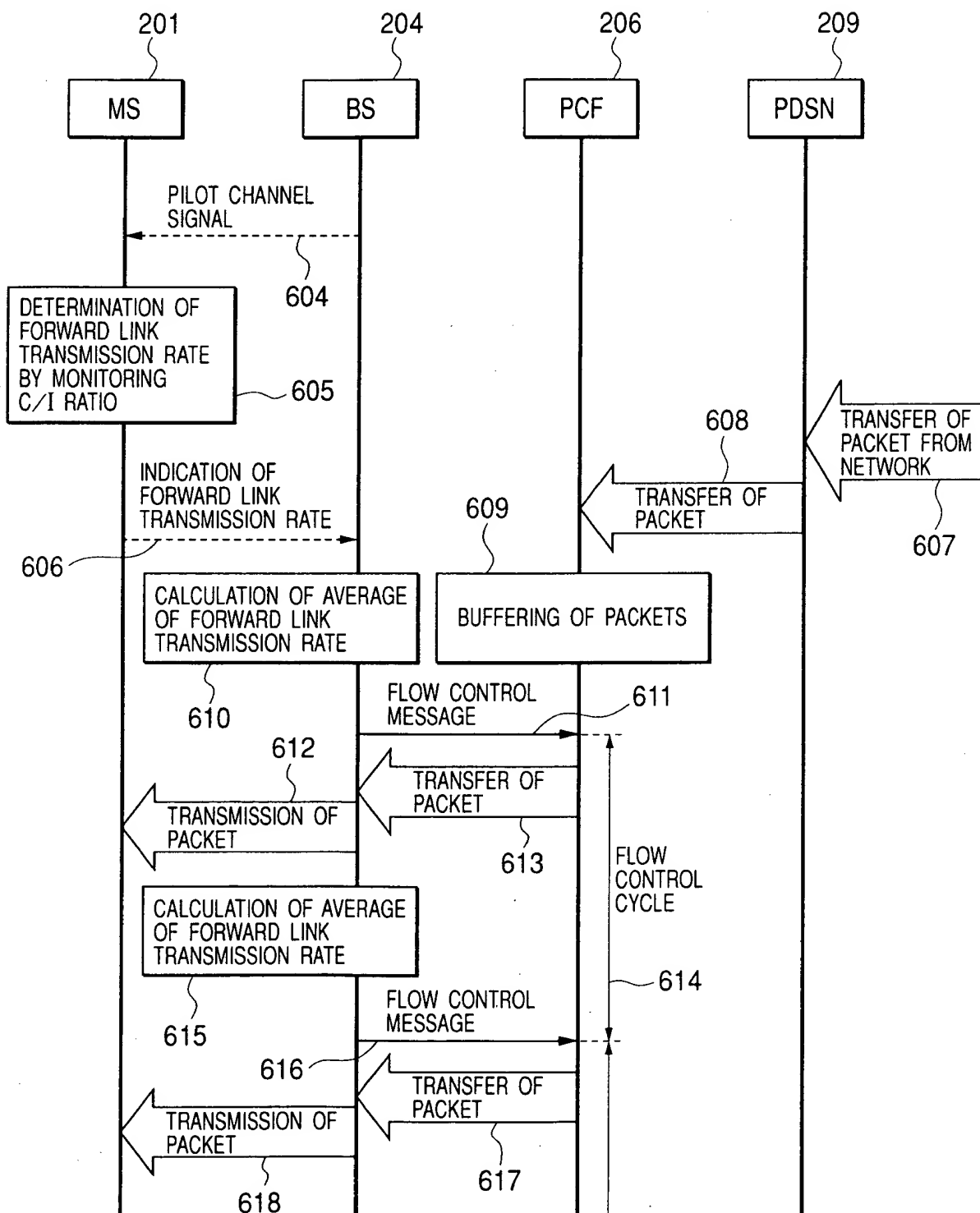
FIG. 5





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FIG. 6





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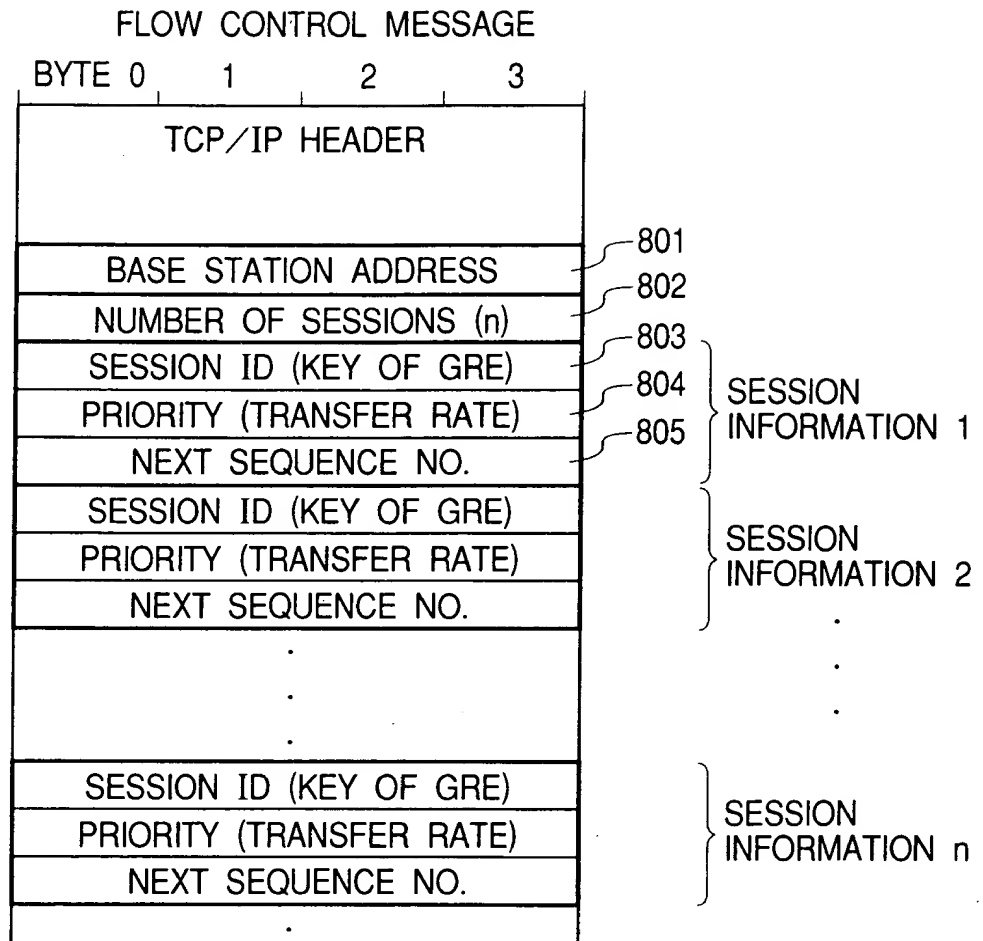
## FIG. 7

SESSION MANAGEMENT TABLE 506

701	702	703	704	705	706	707	
BS-PCF SESSION ID (KEY OF GRE)	MOBILE STATION ID (IMSI)	RADIO CHANNEL ID	AVERAGE OF RADIO CHANNEL TRANSMISSION RATE	USED BUFFER AREA	NEXT SEQUENCE NO.	CURRENT PRIORITY	
..	..	..	..	..			
..	..	..	..	..			
..	..	..	..	..			
.	.	.	.	.			
.	.	.	.	.			
.	.	.	.	.			



**FIG. 8**



**FIG. 9**

901 AVERAGE OF RADIO CHANNEL TRANSMISSION RATE : n(kbps)	902 VALUE OF PRIORITY	903 PACKET TRANSFER PRIORITY (RATE) BETWEEN PCF AND BS
$2450 < n \leq 2457.6$	246	HIGH ↑
$2440 < n \leq 2450$	245	
.		↓  LOW
.		
.		
$40 < n \leq 50$	5	
$38.4 \leq n \leq 40$	4	



FIG. 10

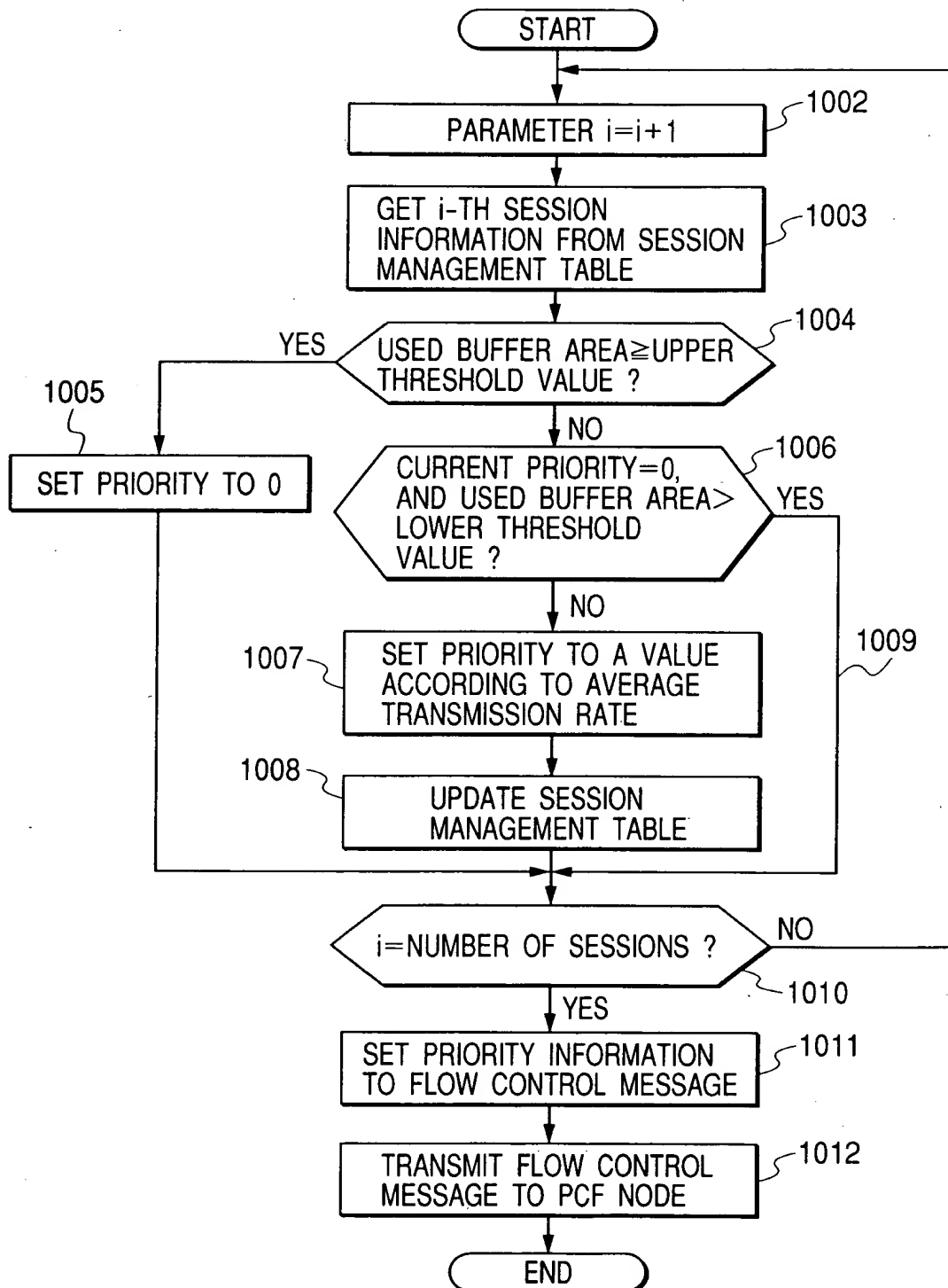
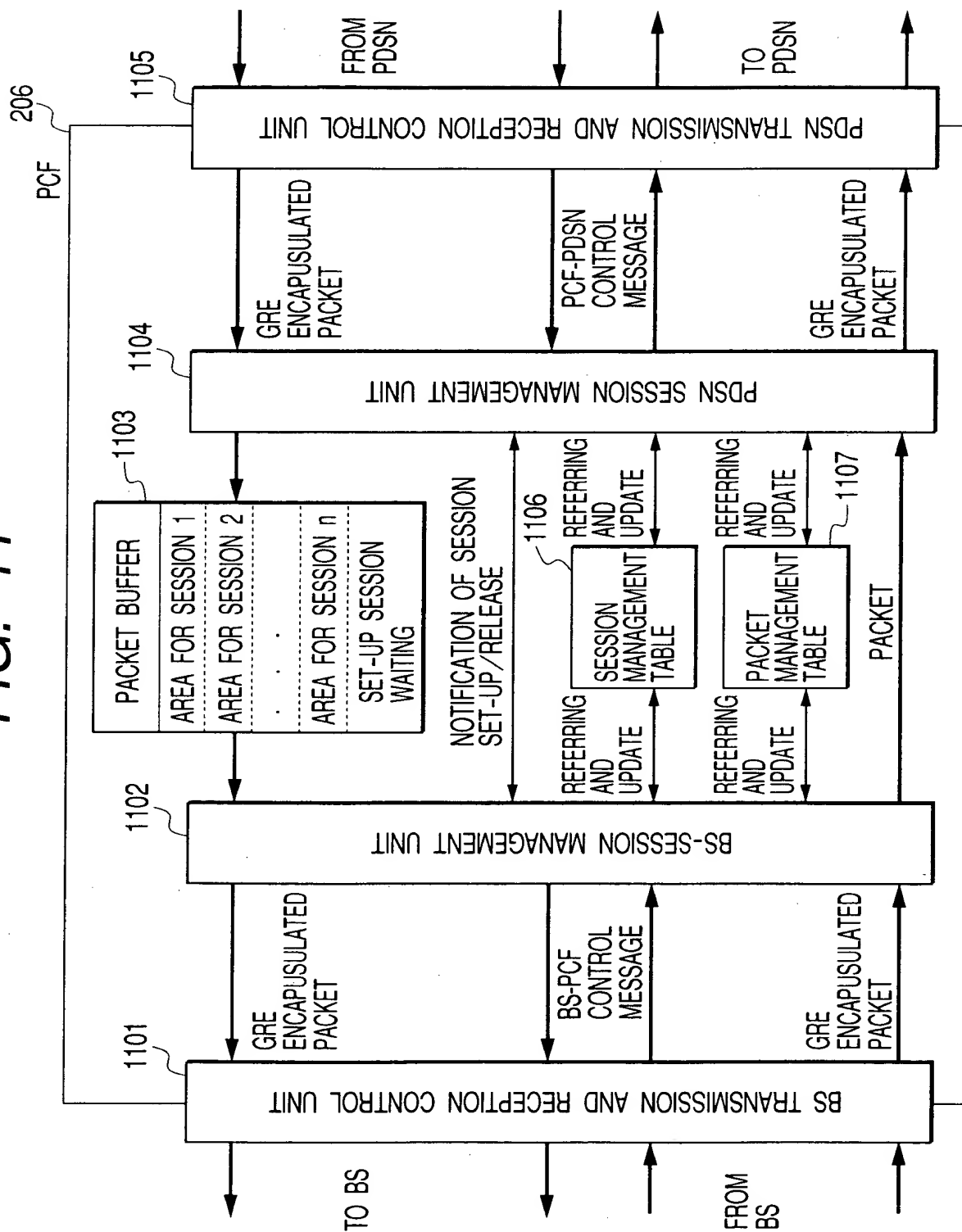


FIG. 11





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## FIG. 12A

SESSION MANAGEMENT TABLE 1106

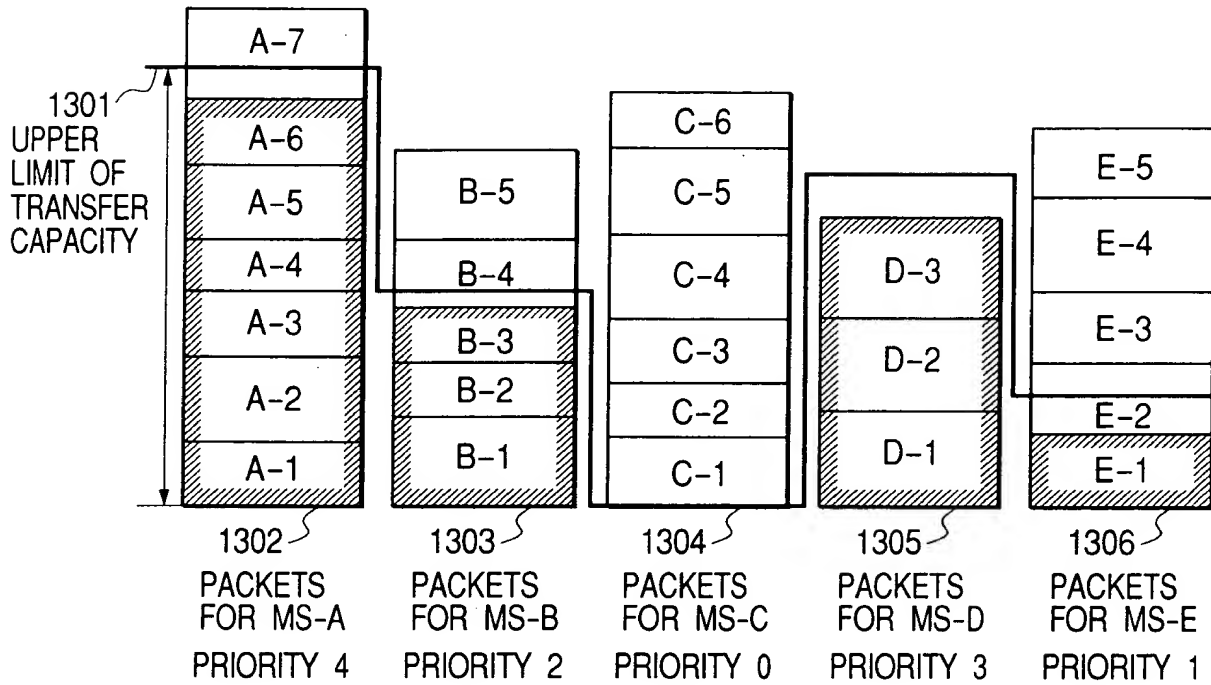
1201	1202	1203	1204	1205	1206	1207	1208
SOURCE PDSN ADDRESS	PCF-PDSN SESSION ID (KEY OF GRE)	DESTINATION BS ADDRESS	BS-PCF SESSION ID (KEY OF GRE)	DESTINATION MS ID (IMSI)	PRIORITY OF DESTINATION MS	AMOUNT OF FUFFERING PACKETS	NEXT SEQUENCE NO.
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.

## FIG. 12B

PACKET MANAGEMENT TABLE 1107

1209	1210	1211	1212
DESTINATION MS ID (IMSI)	SEQUENCE NO.	PACKET LENGTH	BUFFER MEMORY ADDRESS
..	..	..	..
..	..	..	..
.	.	.	.
.	.	.	.
.	.	.	.

**FIG. 13**



**FIG. 14**

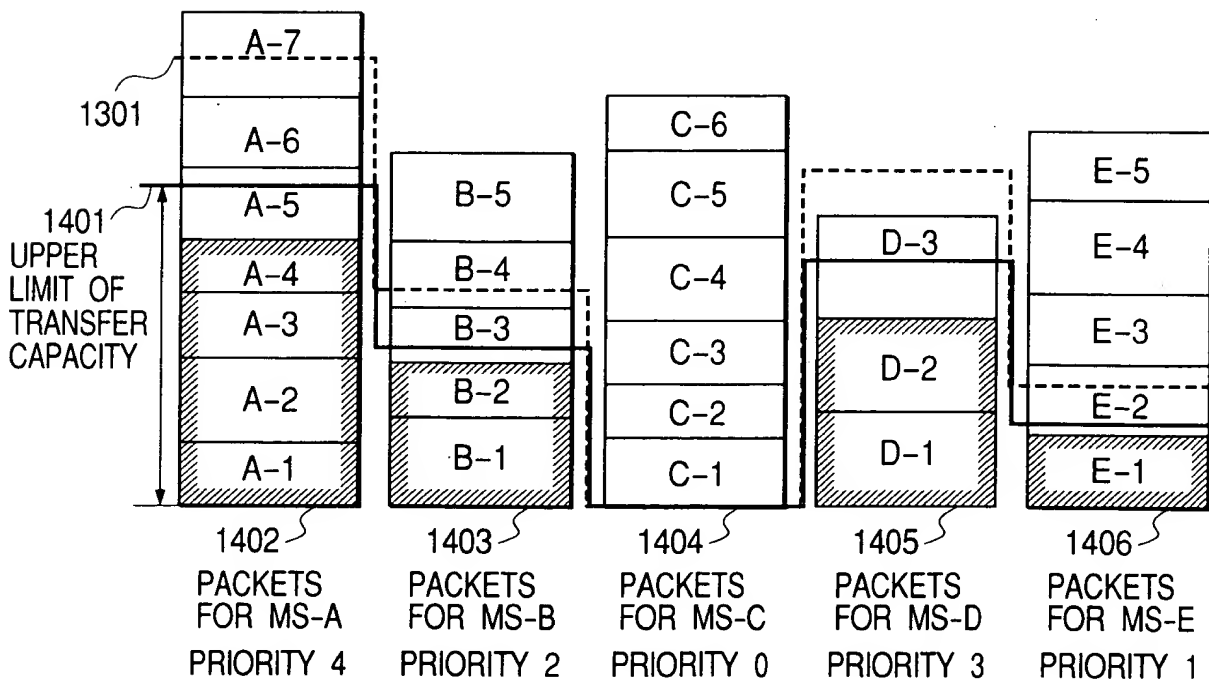


FIG. 15

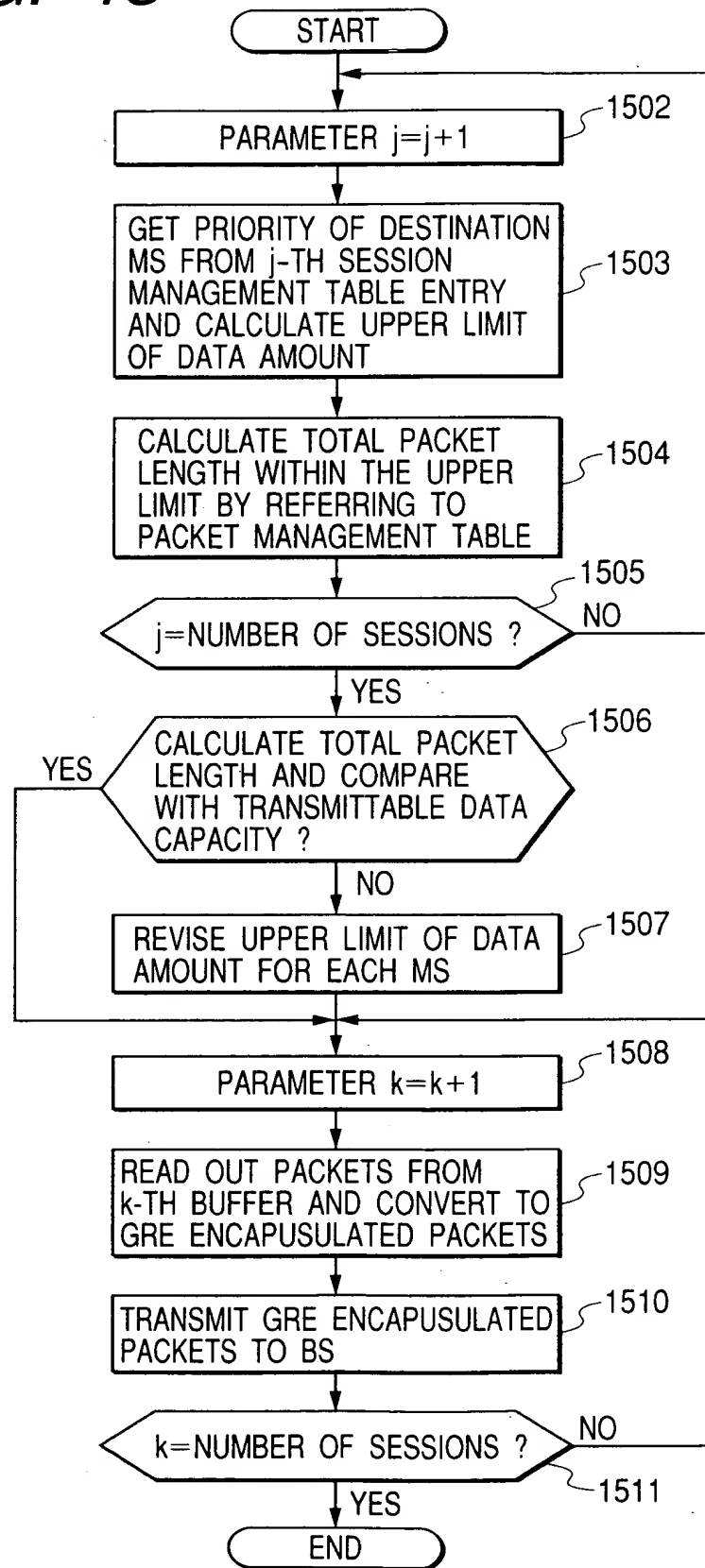
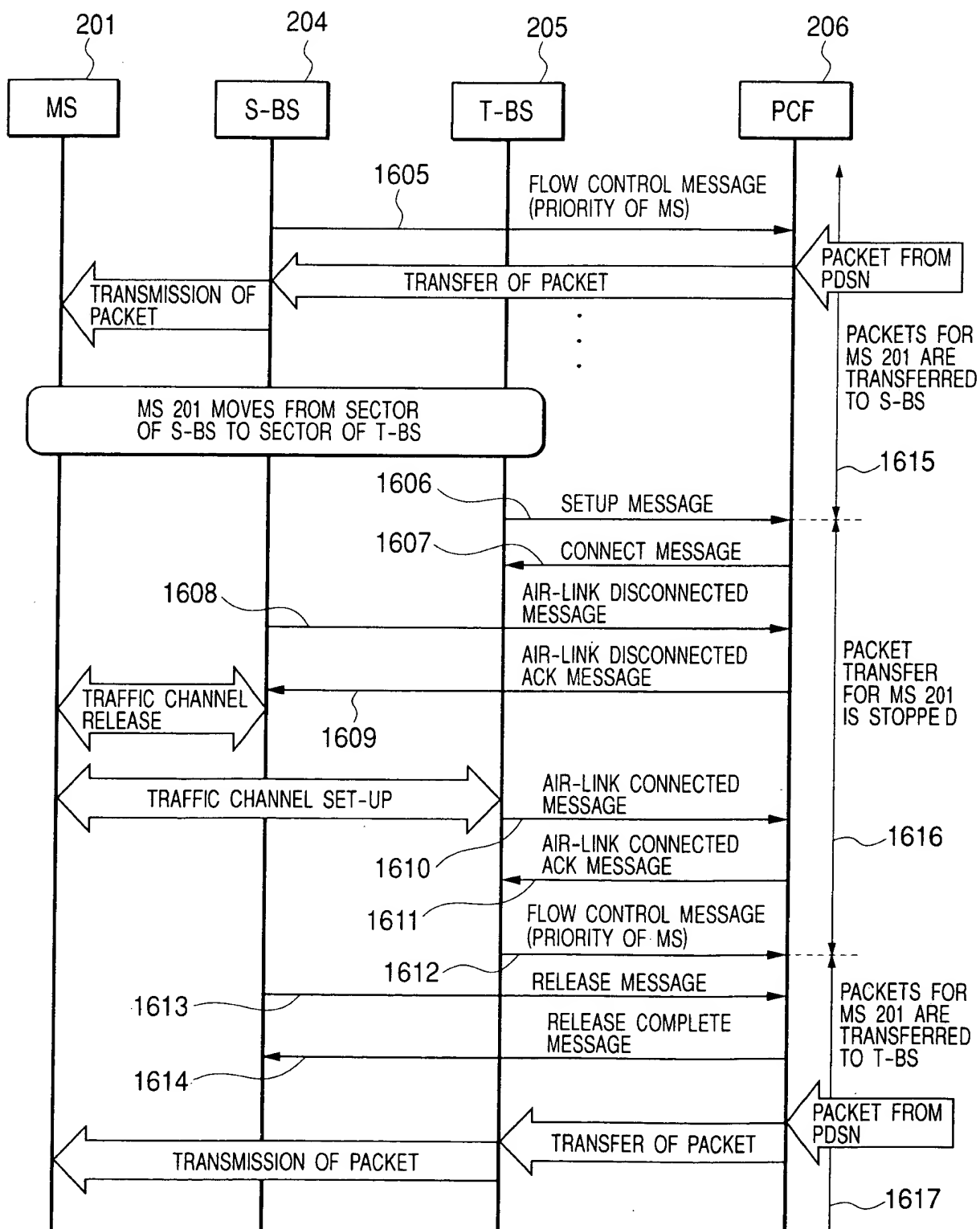


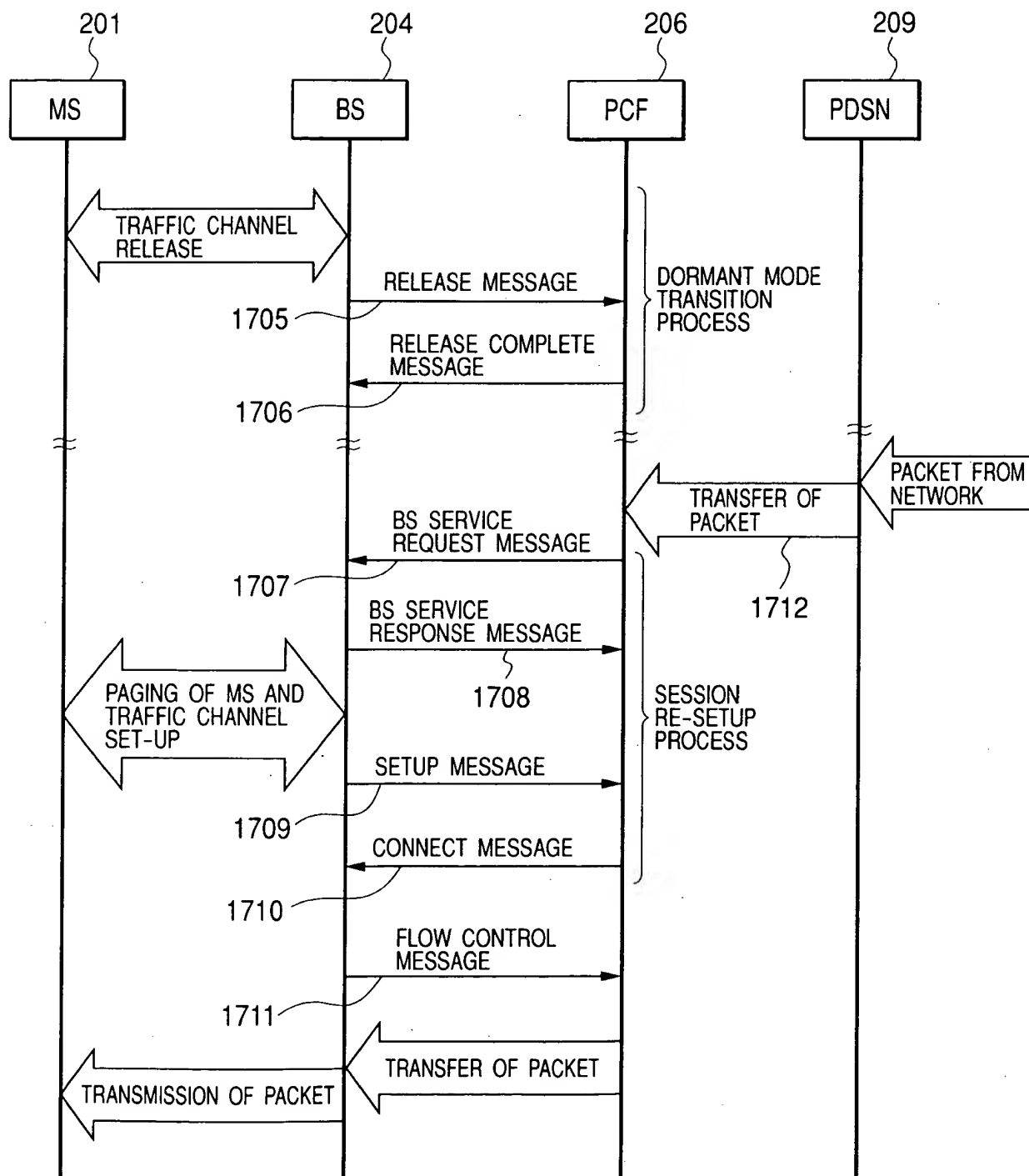
FIG. 16





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**FIG. 17**





*FIG. 18*

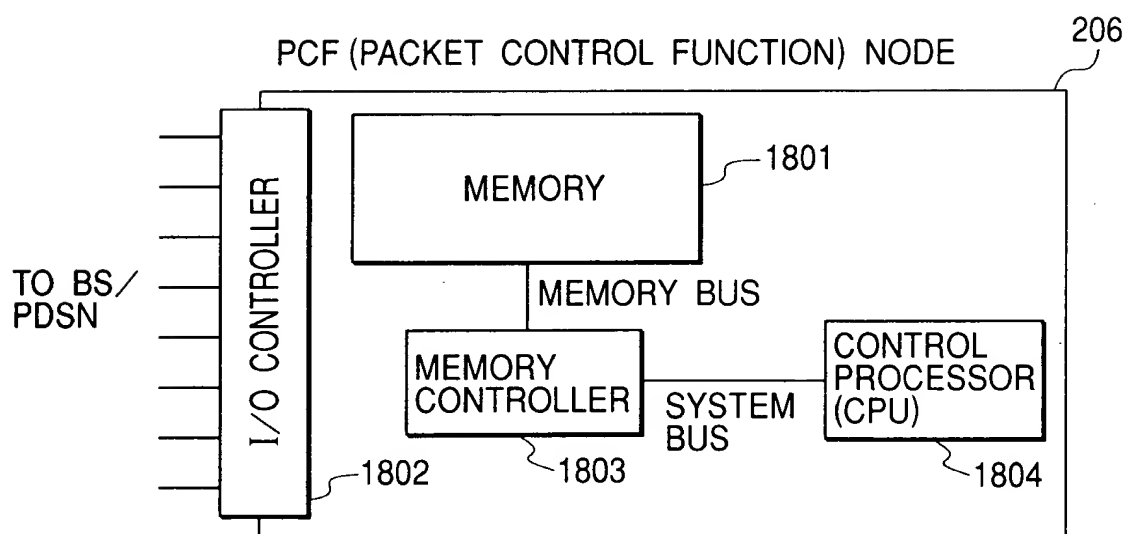




FIG. 19

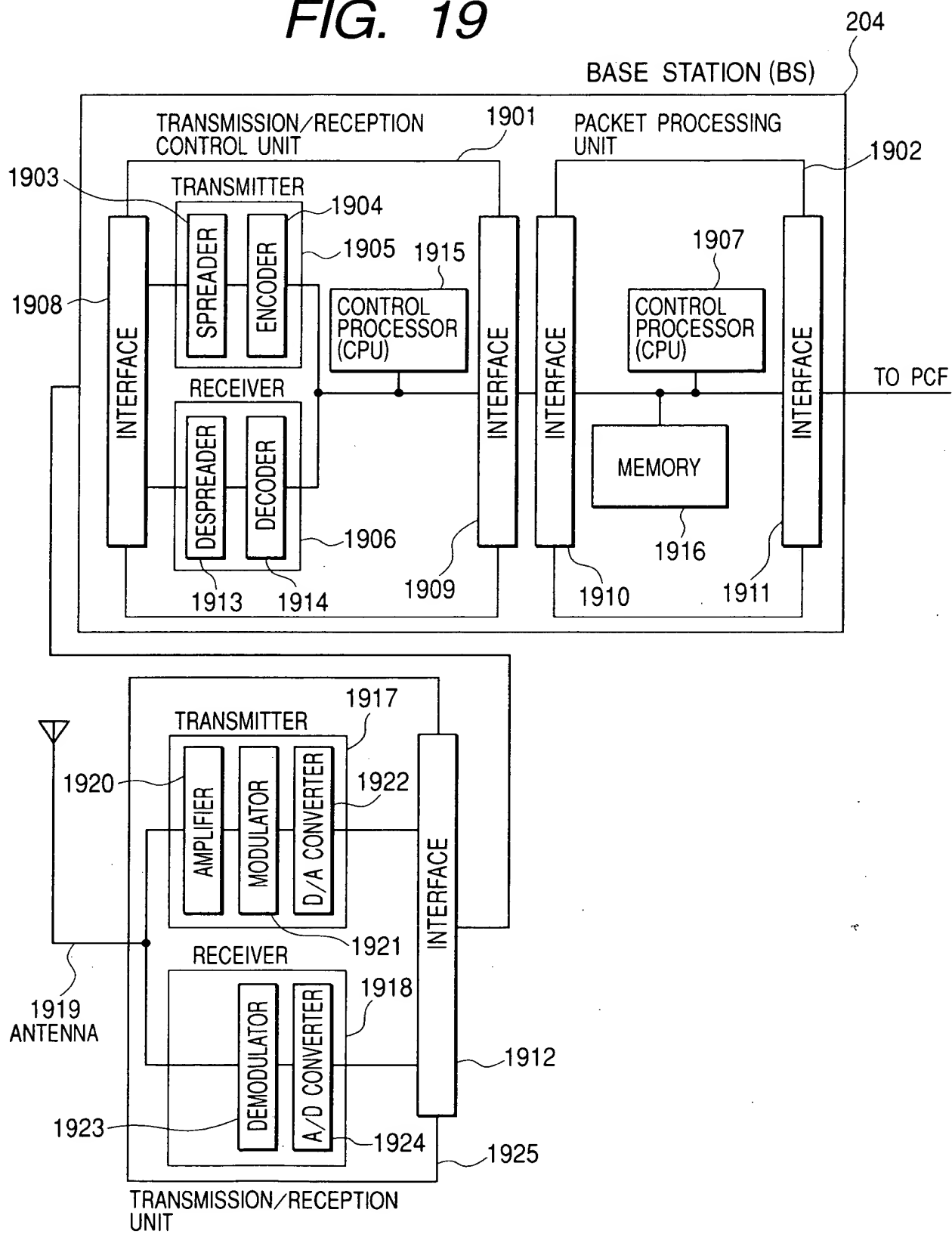


FIG. 20

PACKET BUFFER OF BS  
503

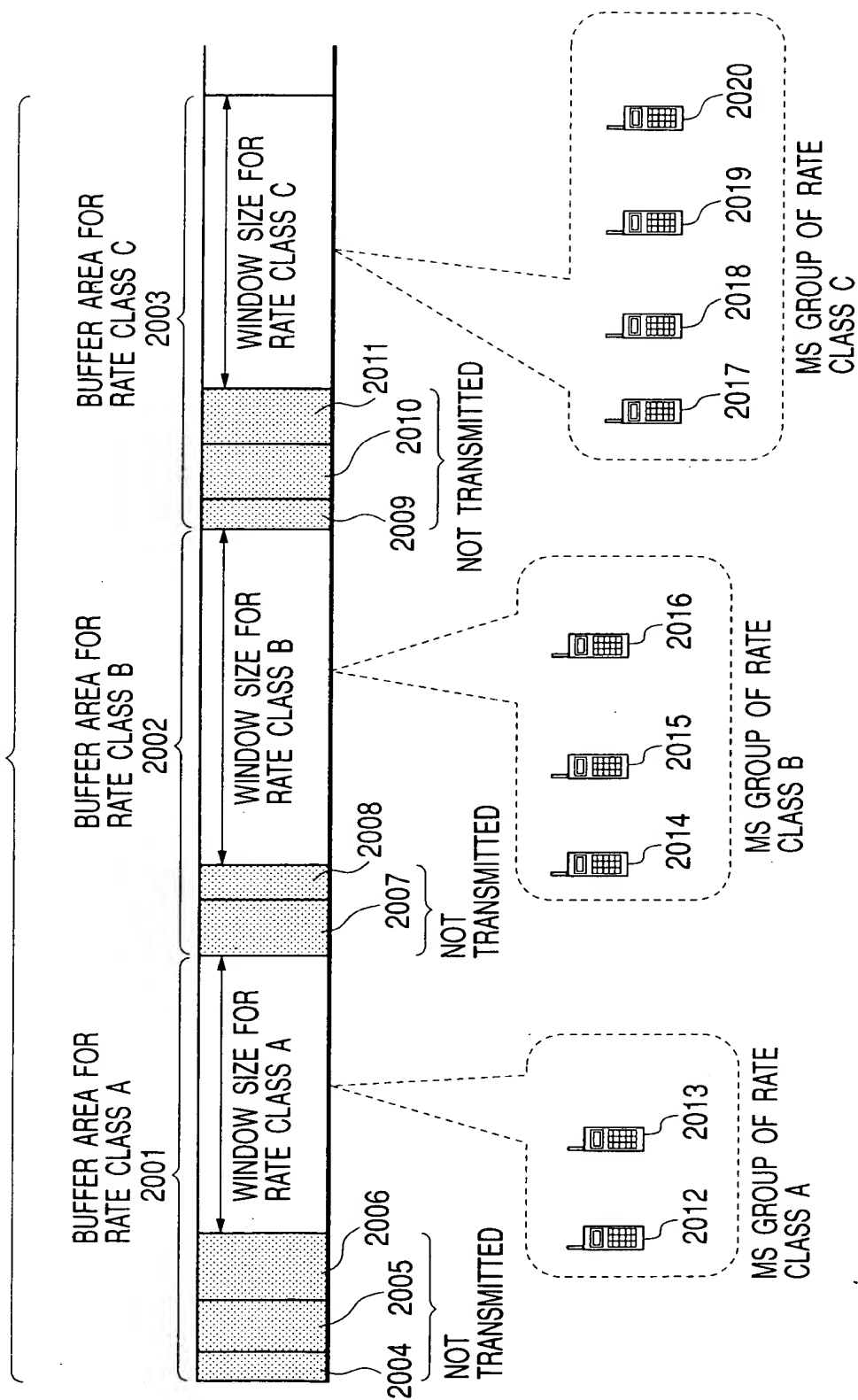
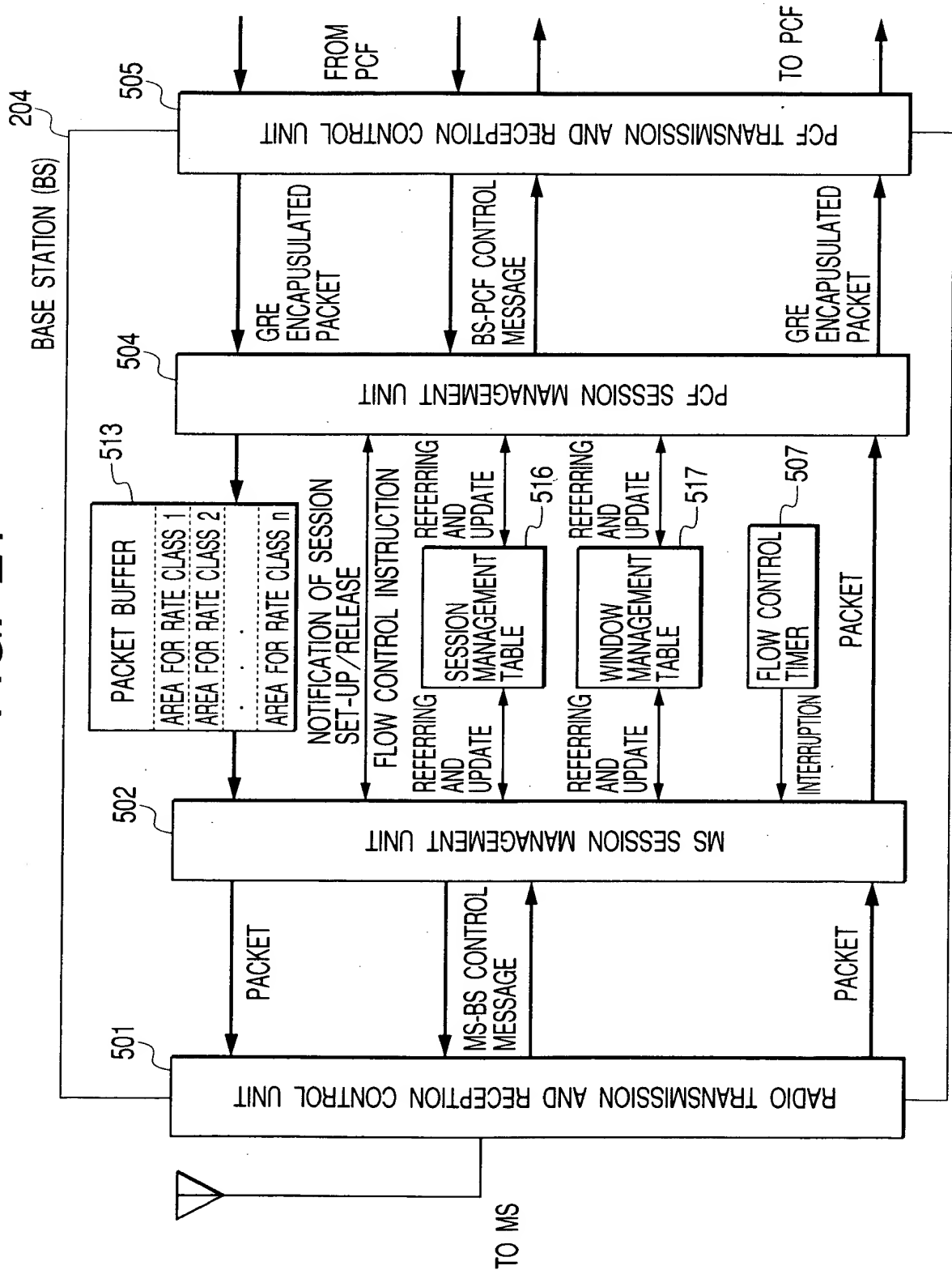


FIG. 21



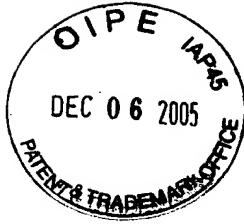


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## FIG. 22

RATE CLASS DIVISION TABLE  
220

221 AVERAGE VALUE $n(\text{kbps})$ OF RADIO CHANNEL TRANSMISSION RATE	222 LEVEL OF RATE CLASS
$1843.2 < n \leq 2457.6$	9
$1228.8 < n \leq 1843.2$	8
$921.6 < n \leq 1228.8$	7
$614.4 < n \leq 921.6$	6
$307.2 < n \leq 614.4$	5
$153.6 < n \leq 307.2$	4
$76.8 < n \leq 153.6$	3
$38.4 < n \leq 76.8$	2
$0 \leq n \leq 38.4$	1



## FIG. 23A

SESSION MANAGEMENT TABLE 516

2301 BS-PCF SESSION ID (KEY OF GRE)	2302 MOBILE STATION ID (IMSI)	2303 TRAFFIC CHANNEL ID	2304 AVERAGE TRANSMISSION RATE	2305 RATE CLASS	
..	..	..	..	..	
..	..	..	..	..	
.	.	.	.	.	
.	.	.	.	.	
.	.	.	.	.	

## FIG. 23B

WINDOW MANAGEMENT TABLE 517

2306 DESTINATION BS ADDRESS	2307 RATE CLASS	2308 WINDOW SIZE	2309 NEXT SEQUENCE NO.	
..	..	..	..	
..	..	..	..	
.	.	.	.	
.	.	.	.	
.	.	.	.	

**FIG. 24**

## FLOW CONTROL MESSAGE

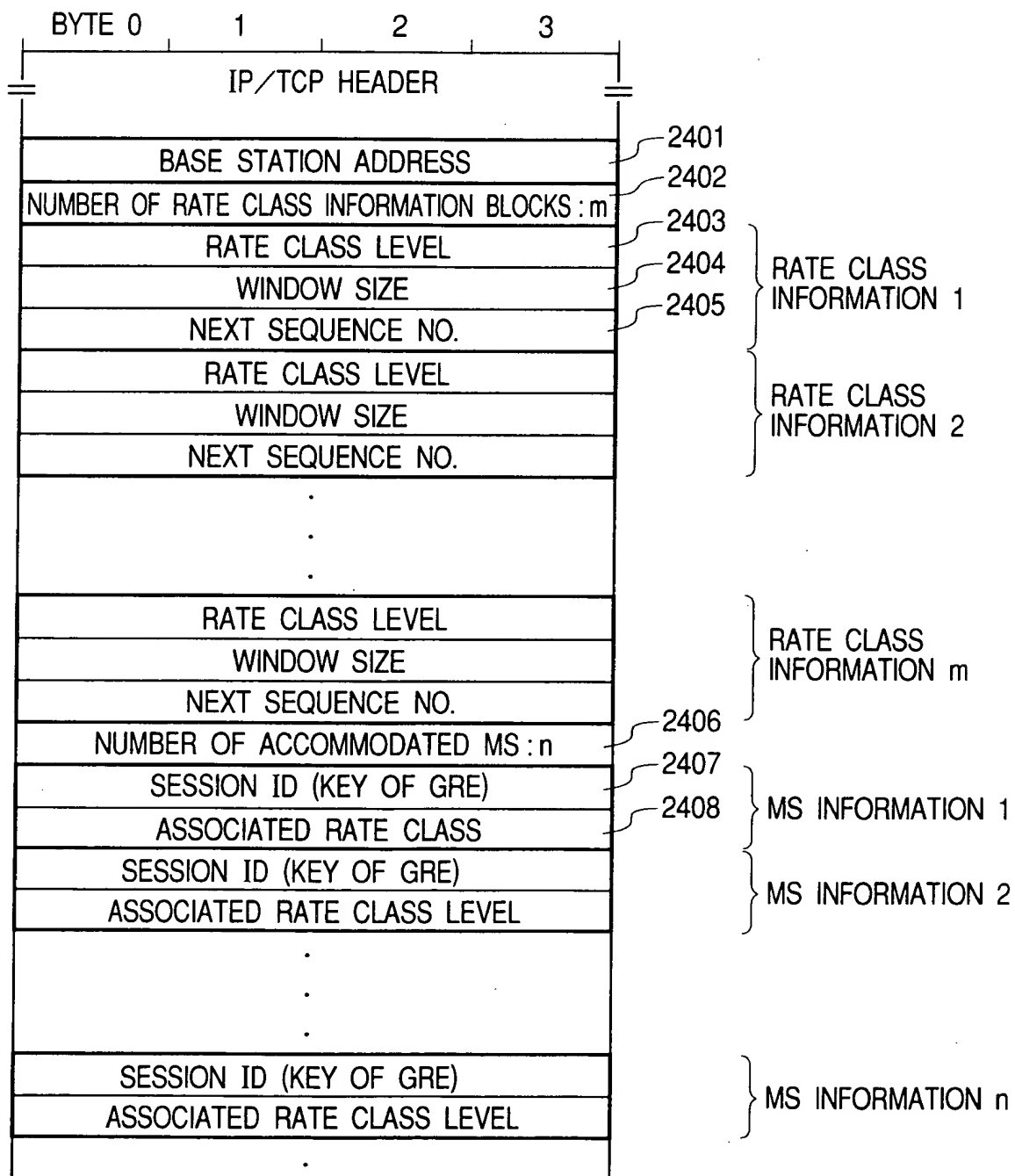


FIG. 25

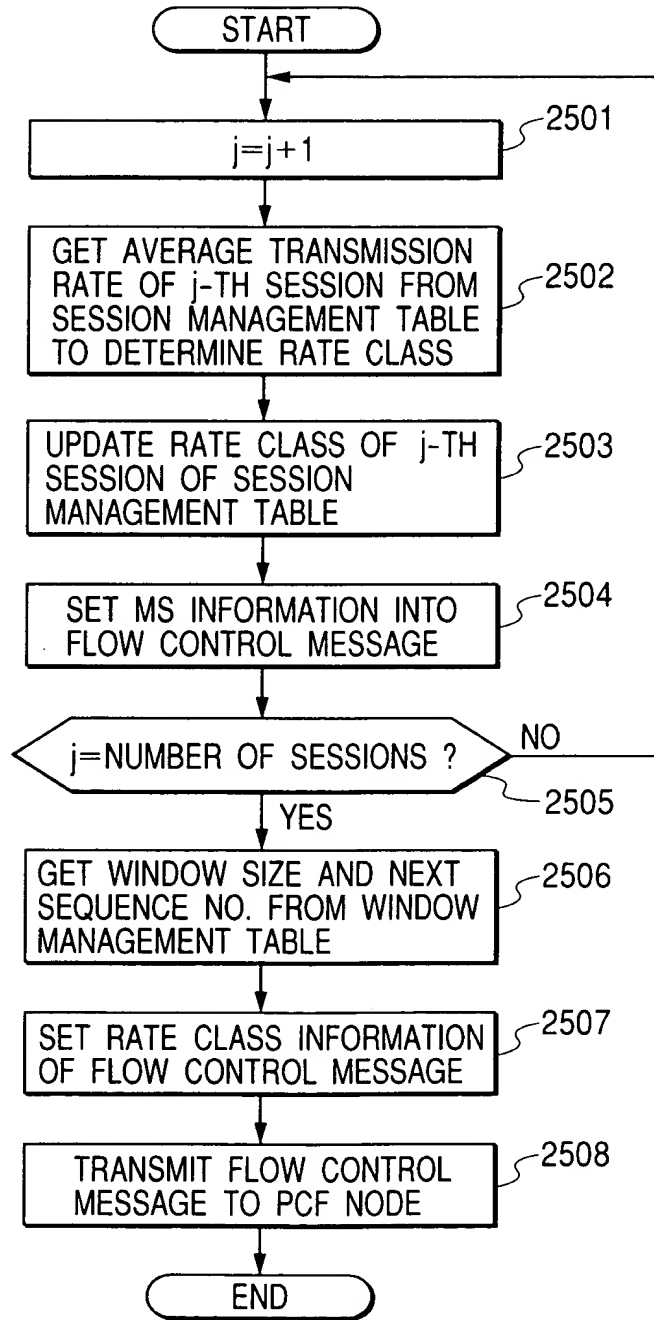
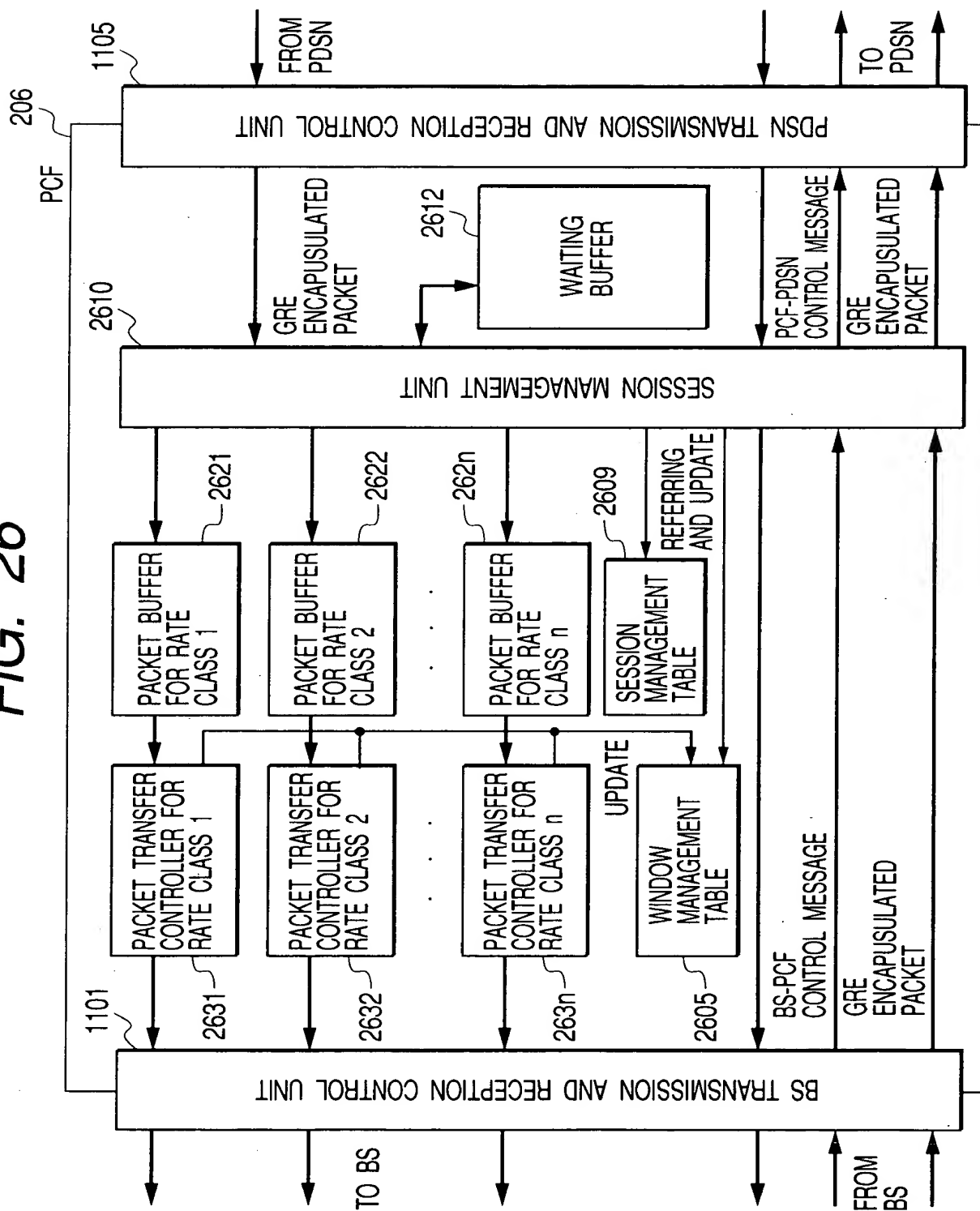
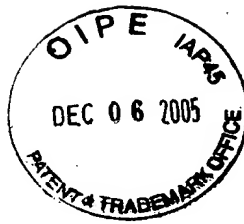


FIG. 26







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## FIG. 27A

SESSION MANAGEMENT TABLE 2609

2701 SOURCE PDSN ADDRESS	2702 PCF-PDSN SESSION ID (GRE KEY)	2703 DESTINATION BS ADDRESS	2704 BS-PCF SESSION ID (GRE KEY)	2705 RATE CLASS
..	..	..	..	..
..	..	..	..	..
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.

## FIG. 27B

WINDOW MANAGEMENT TABLE 2605

2706 DESTINATION BS ADDRESS	2707 RATE CLASS	2708 WINDOW SIZE	2709 NEXT SEQUENCE NO.	2710 AMOUNT OF BUFFERING PACKETS
..	..	..	..	..
..	..	..	..	..
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.

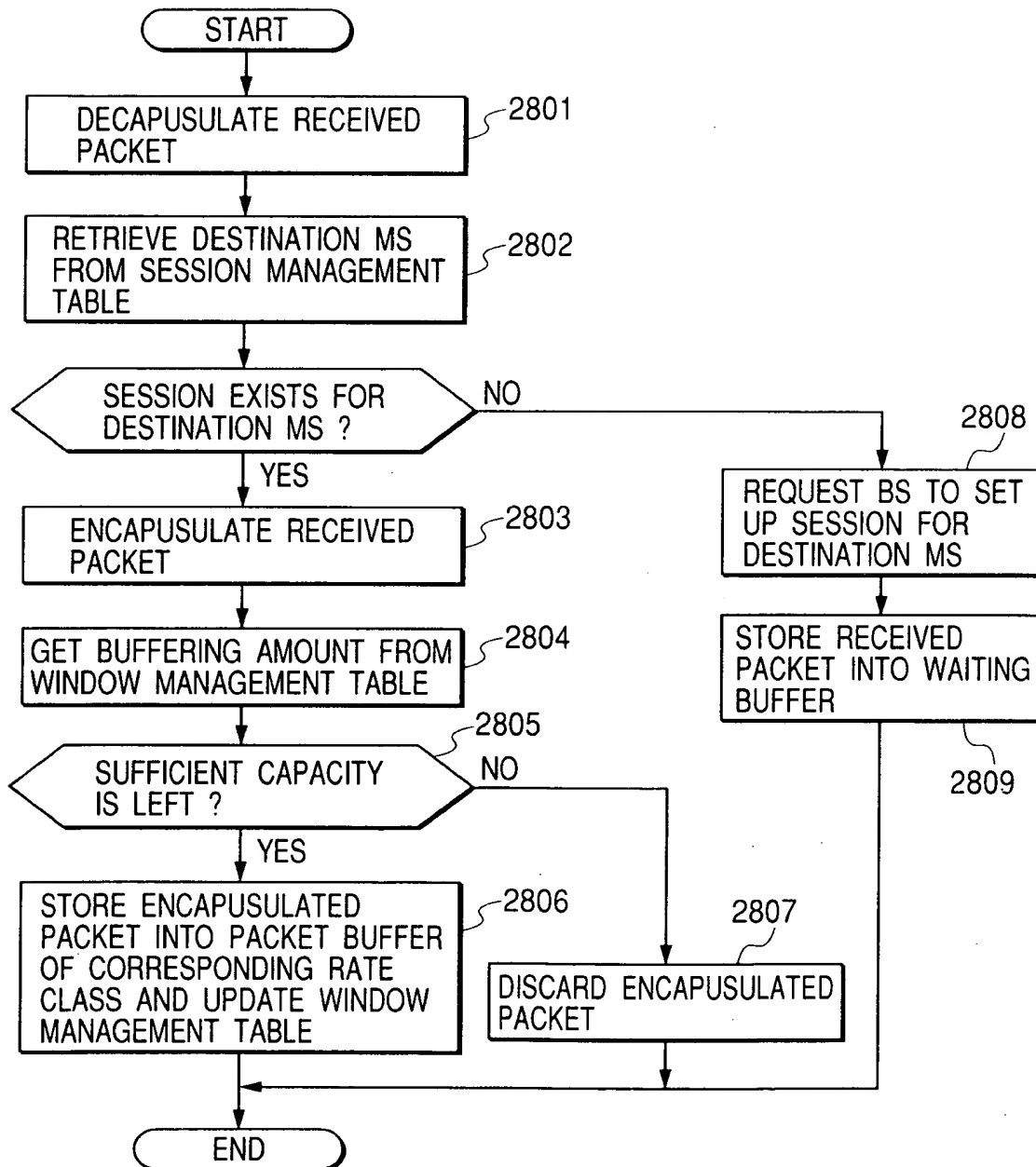
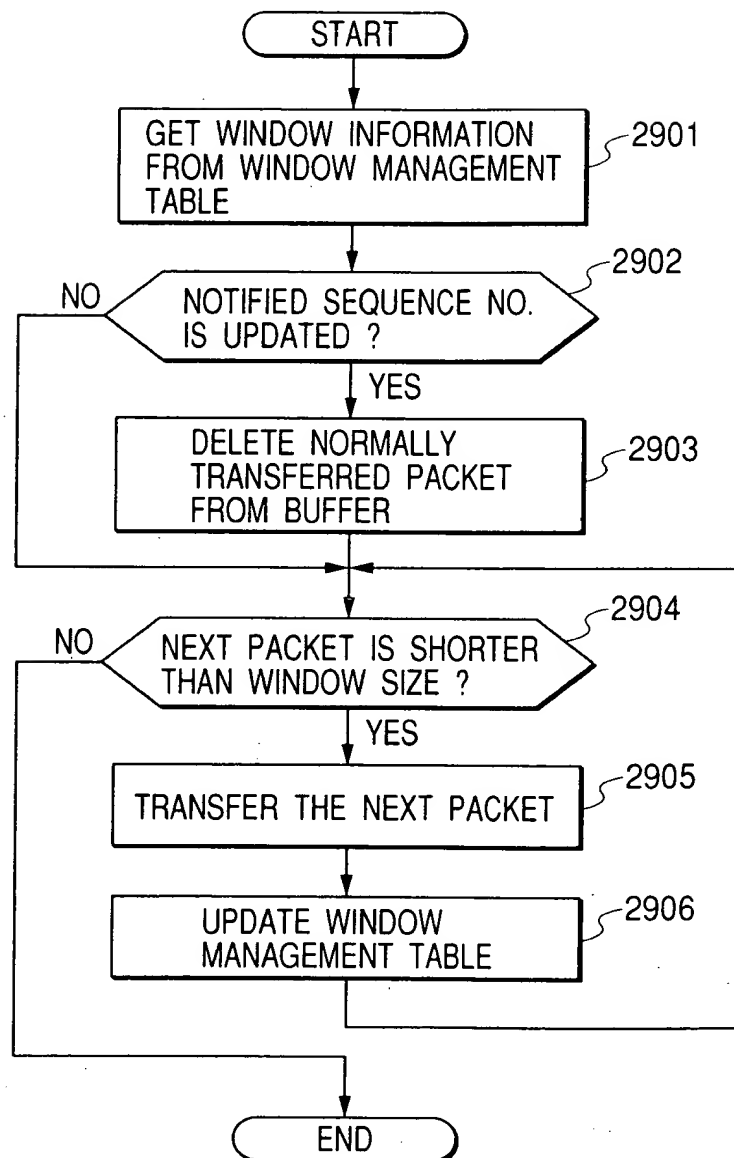
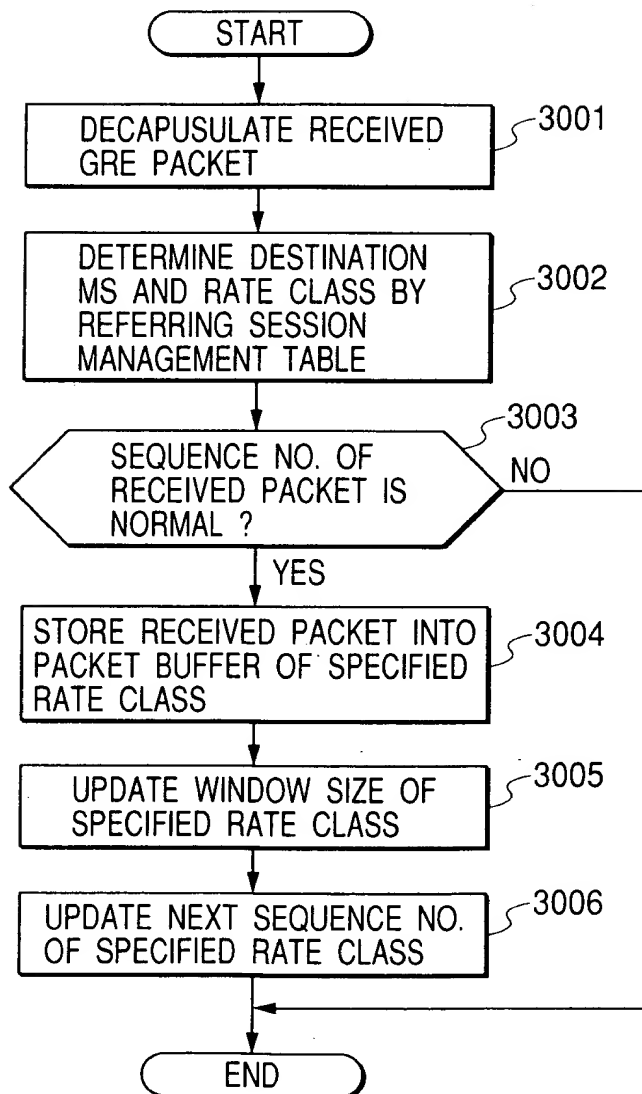
**FIG. 28**

FIG. 29



*FIG. 30**FIG. 31*